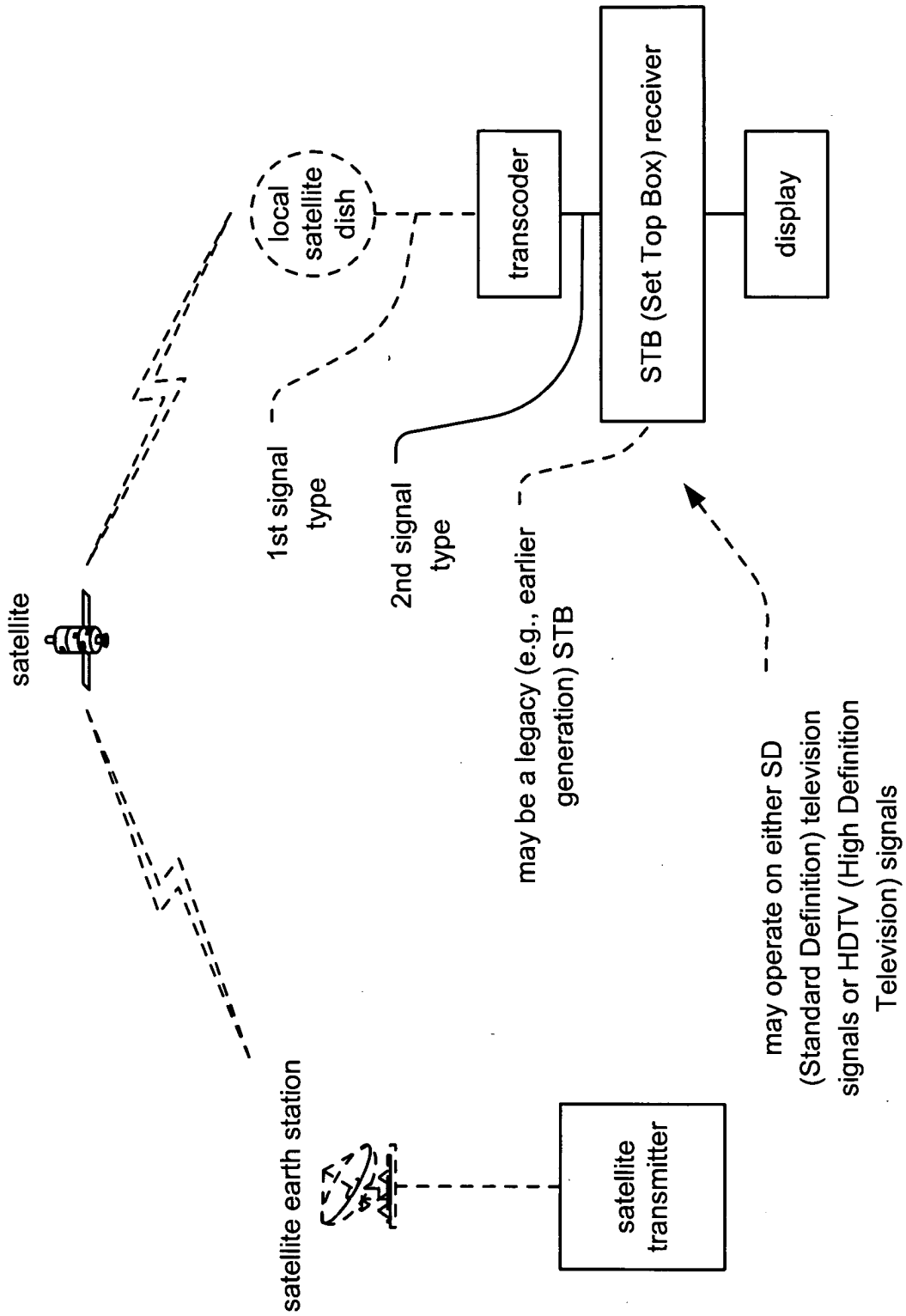


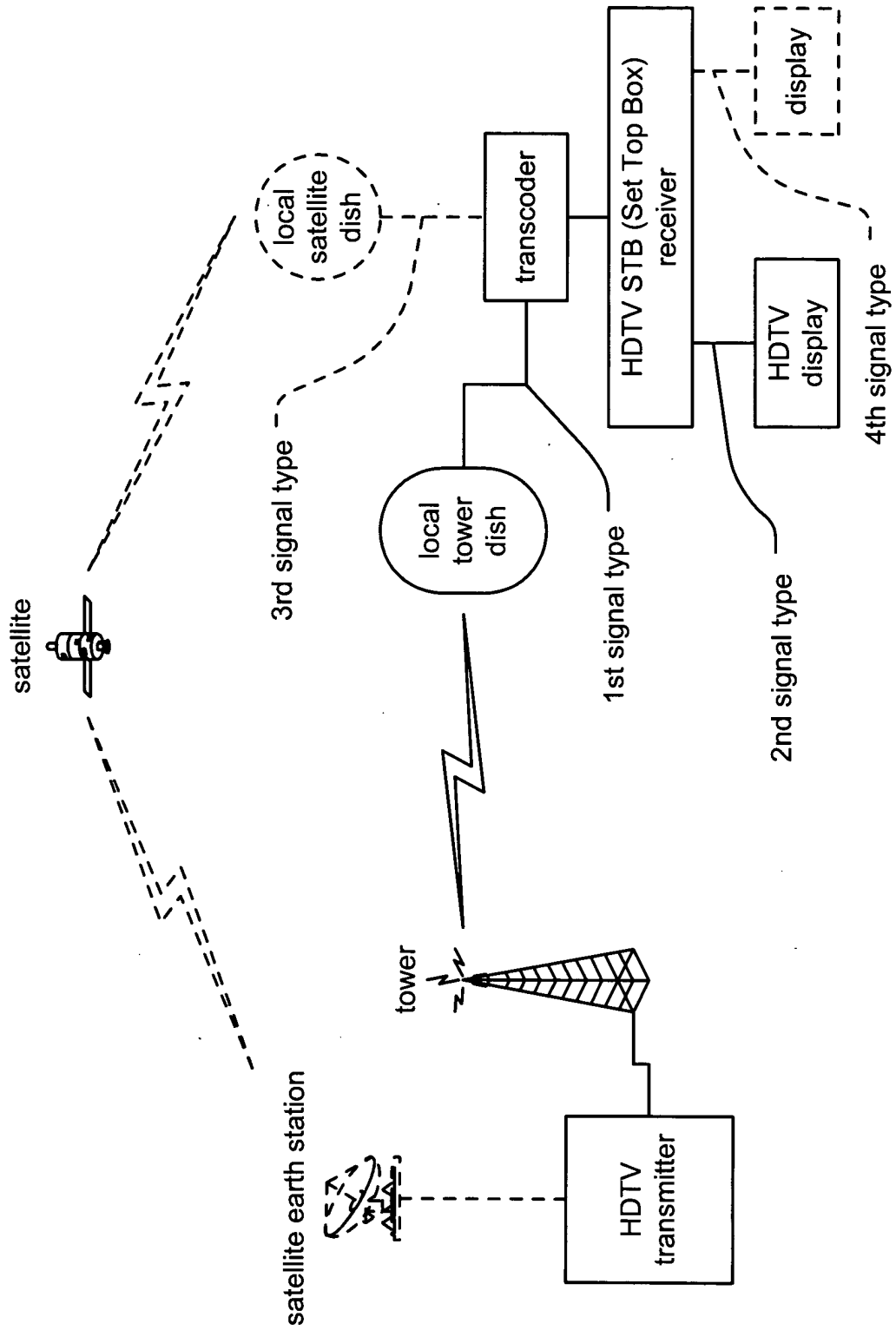
satellite communication system

Fig. 1



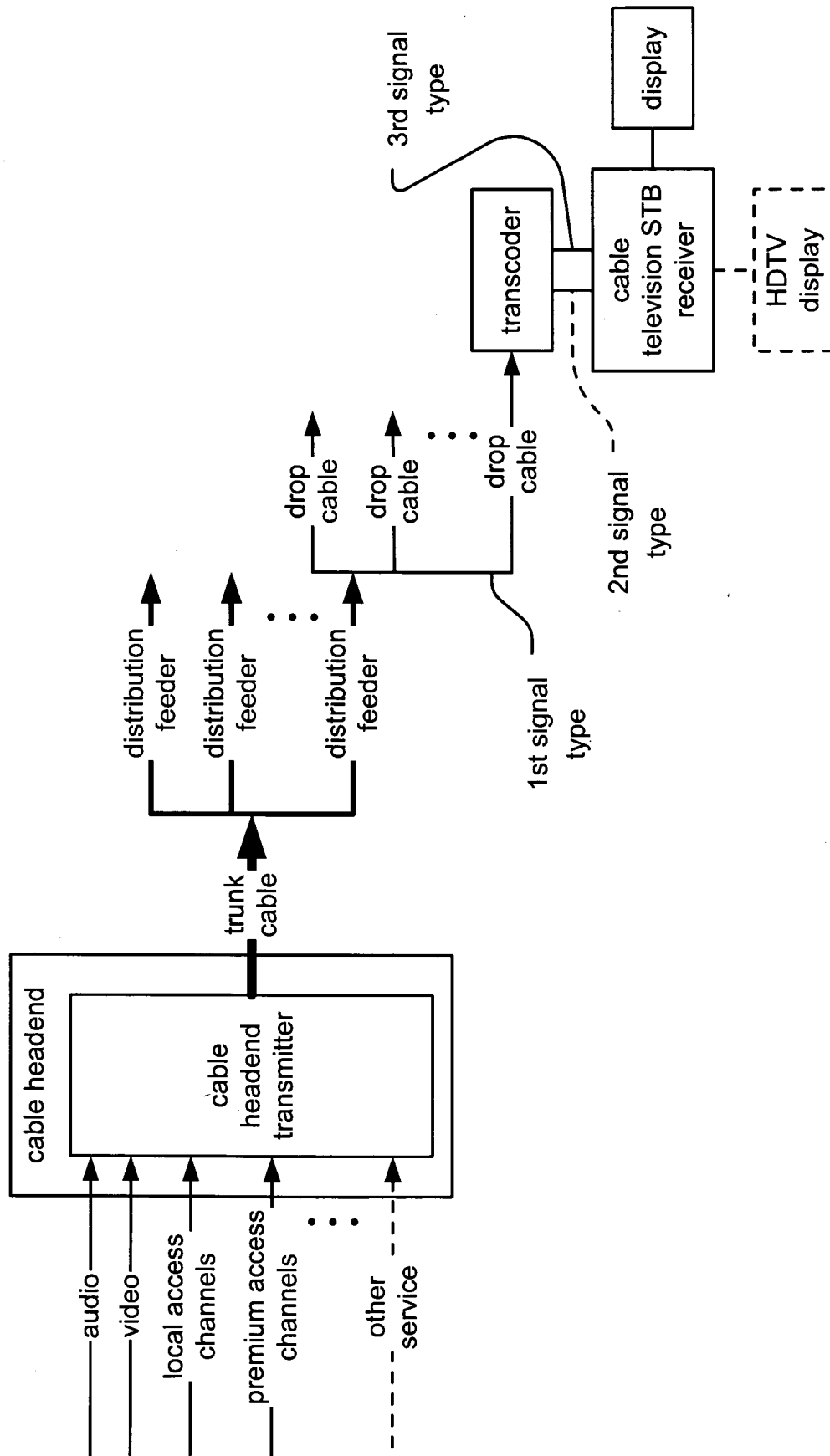
alternative satellite communication system

Fig. 2



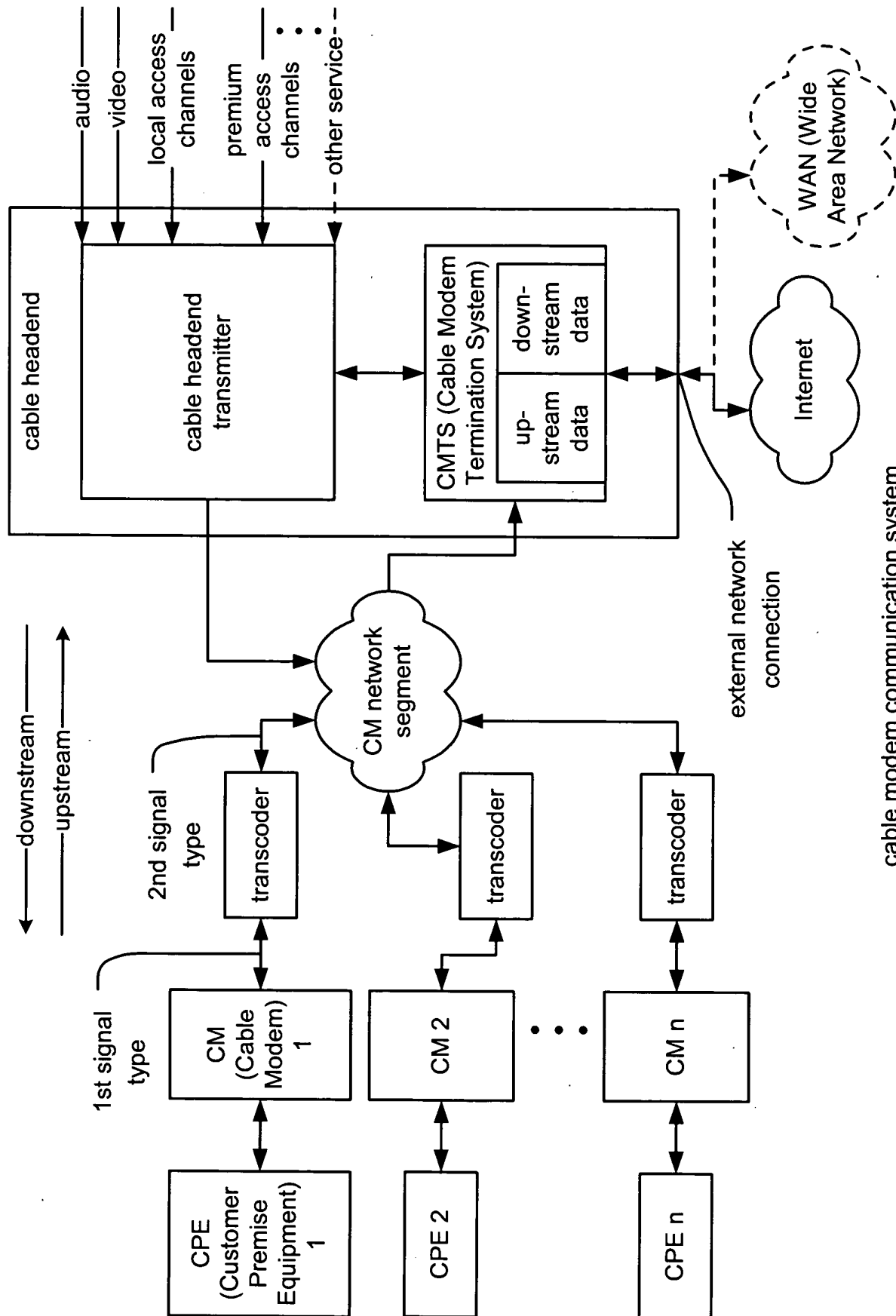
HDTV (High Definition Television) communication system

Fig. 3



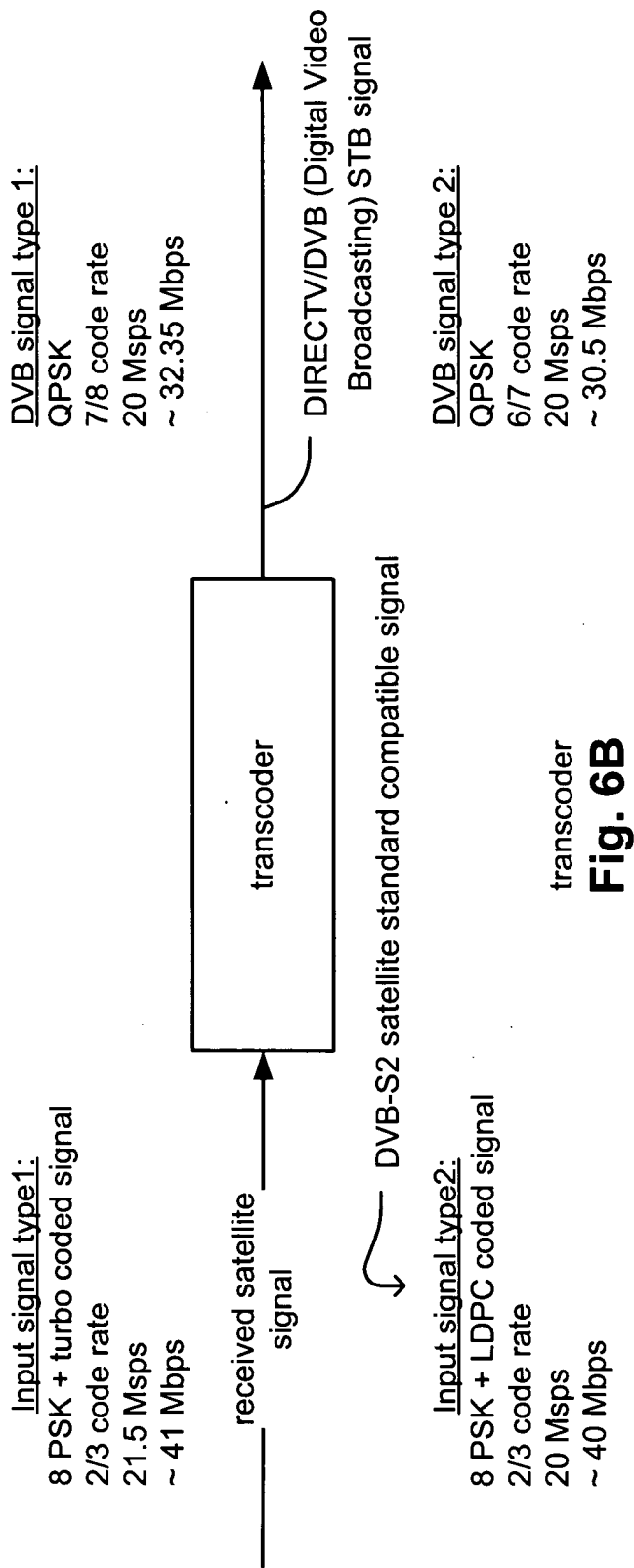
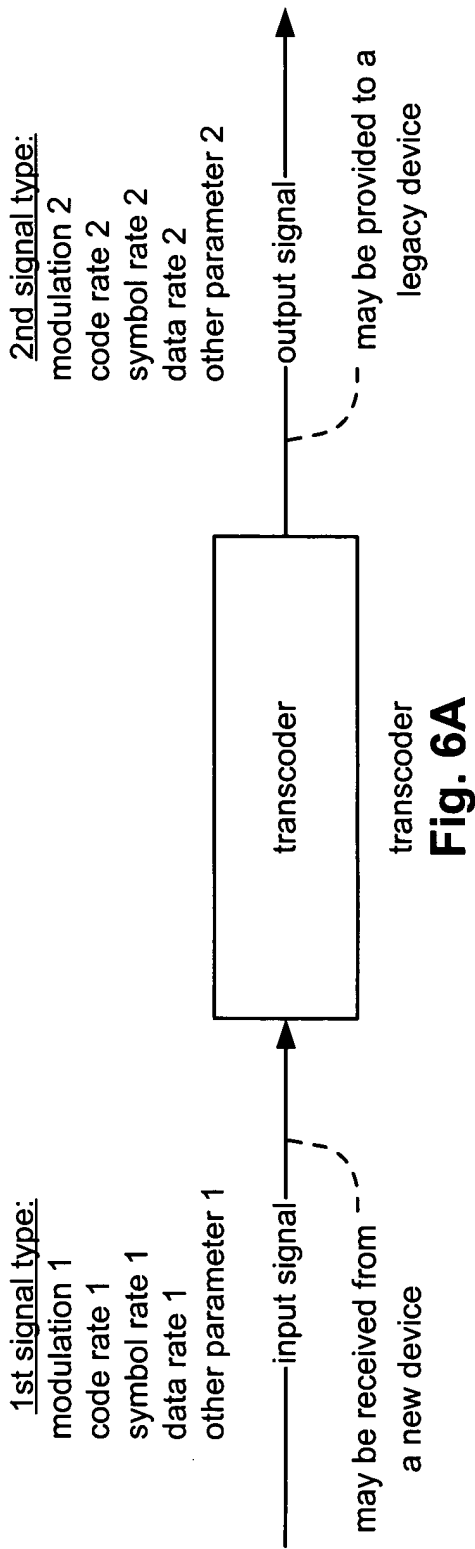
cable television communication system

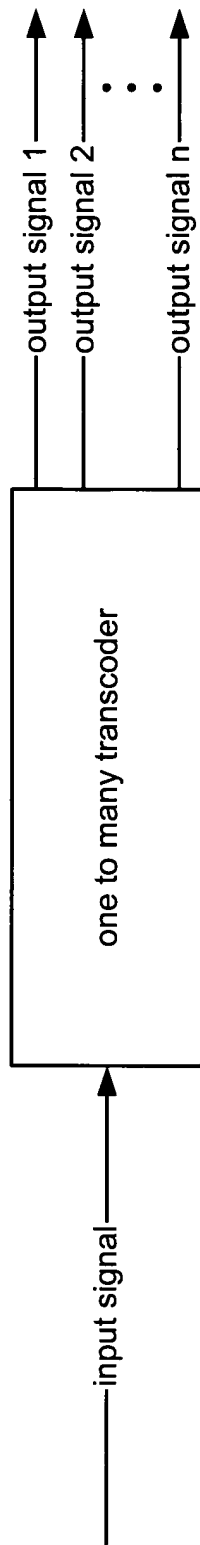
Fig. 4



cable modem communication system

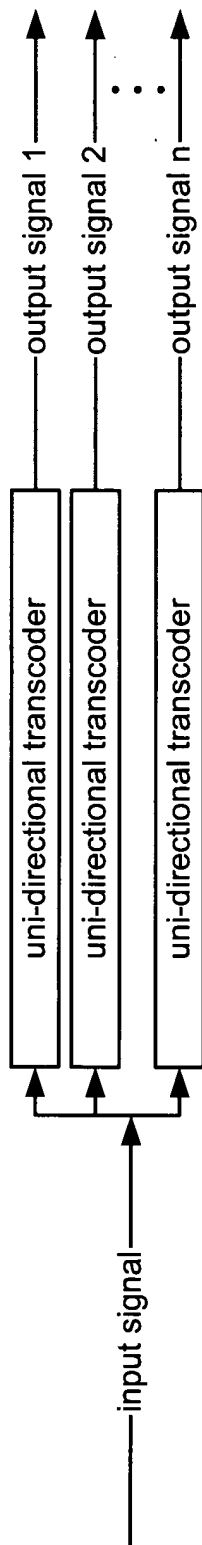
Fig. 5





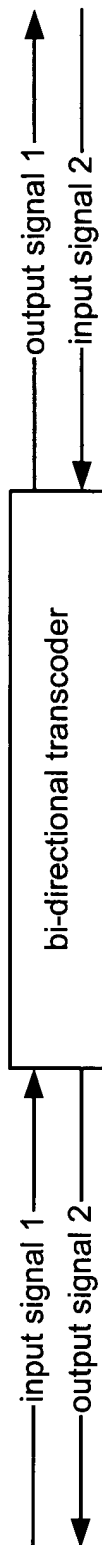
one to many transcoder

Fig. 7A



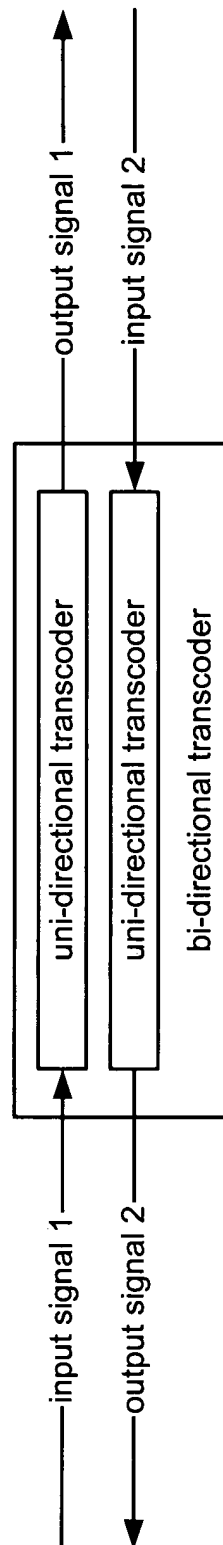
one to many transcoder

Fig. 7B



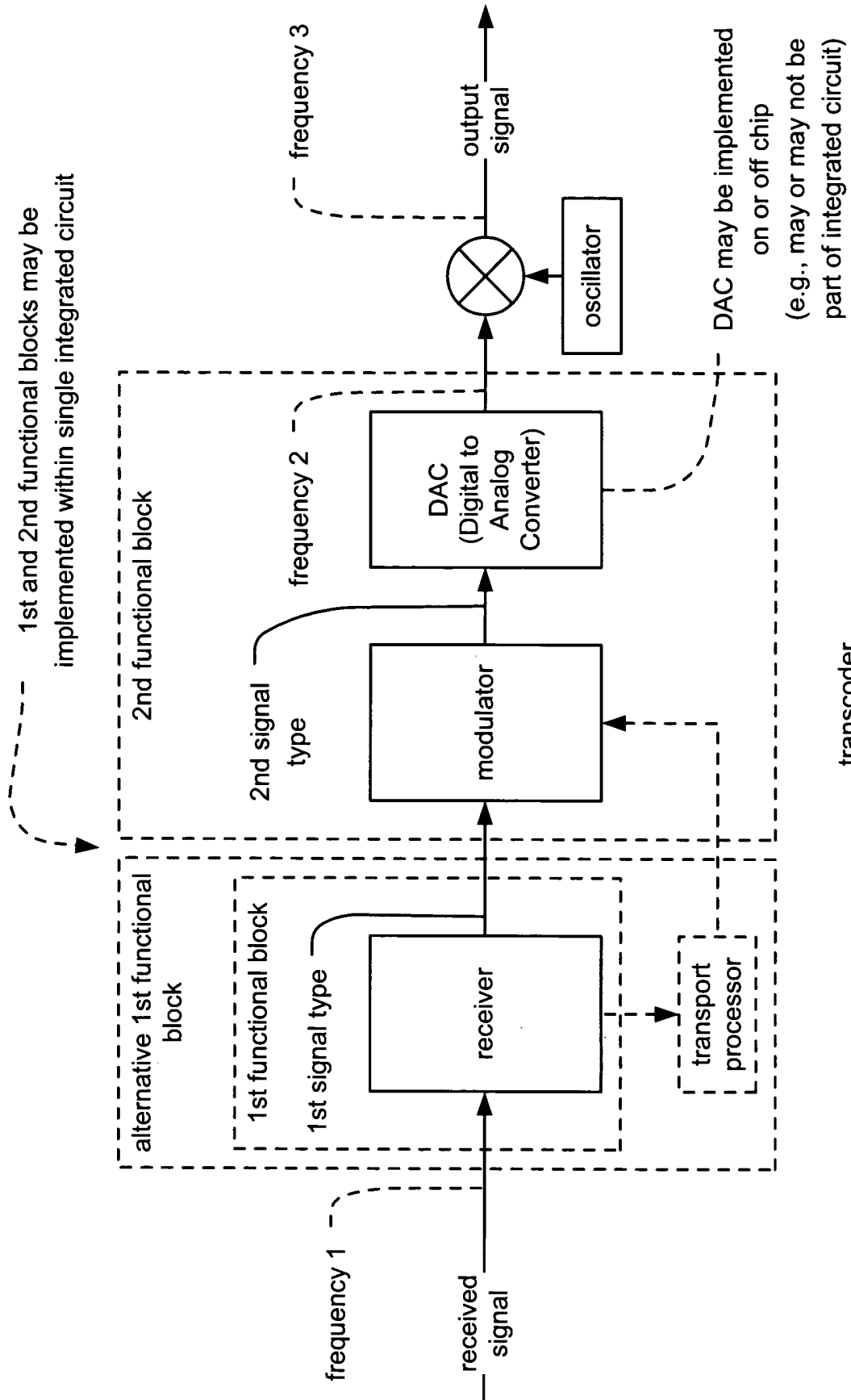
bi-directional transcoder

Fig. 7C



bi-directional transcoder

Fig. 7D



transcoder

Fig. 8

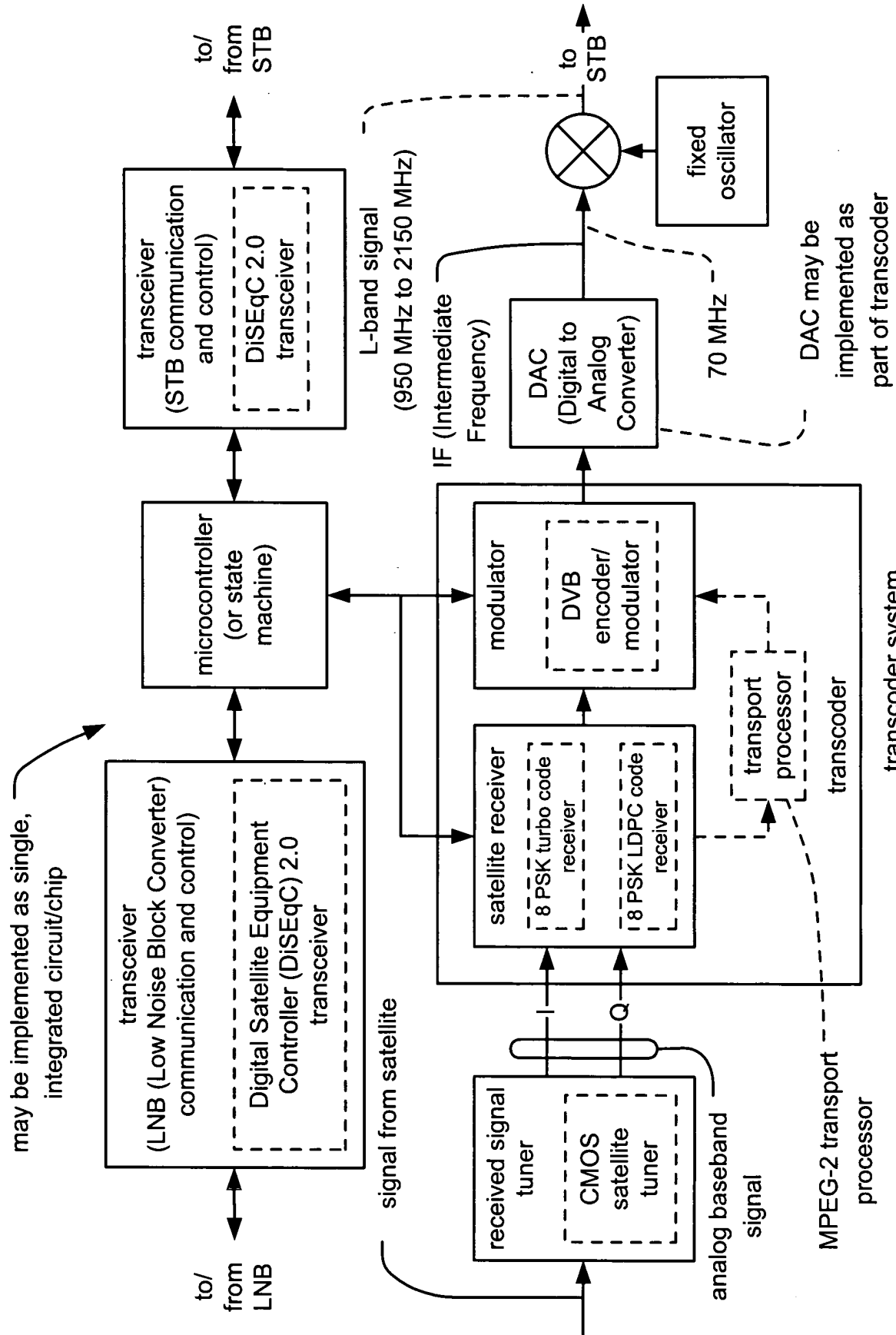
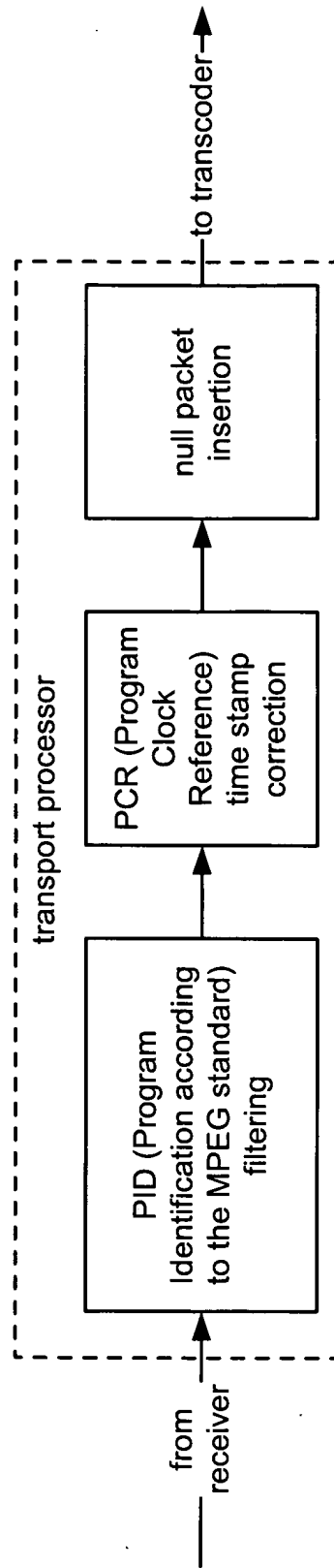
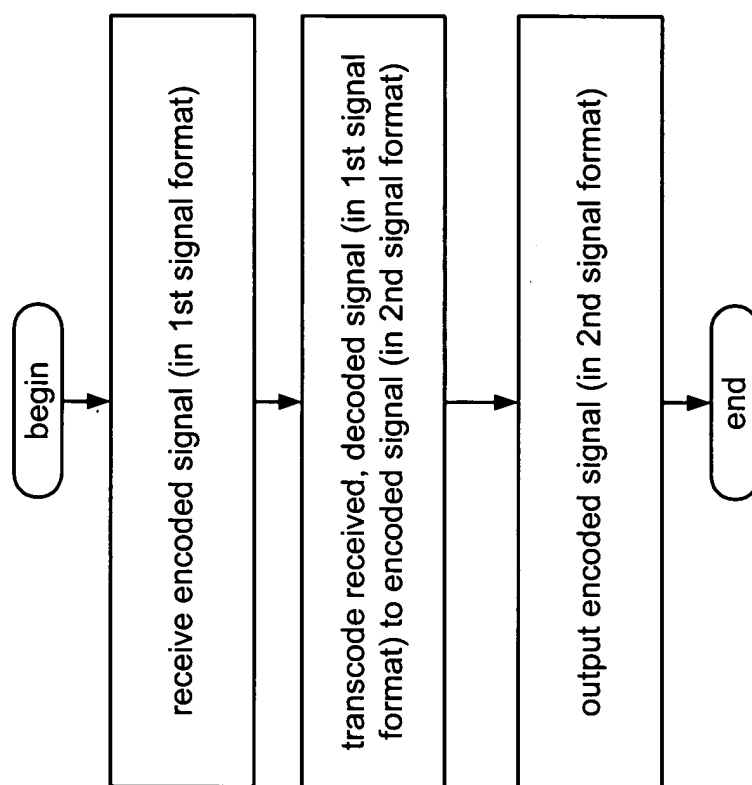


Fig. 9

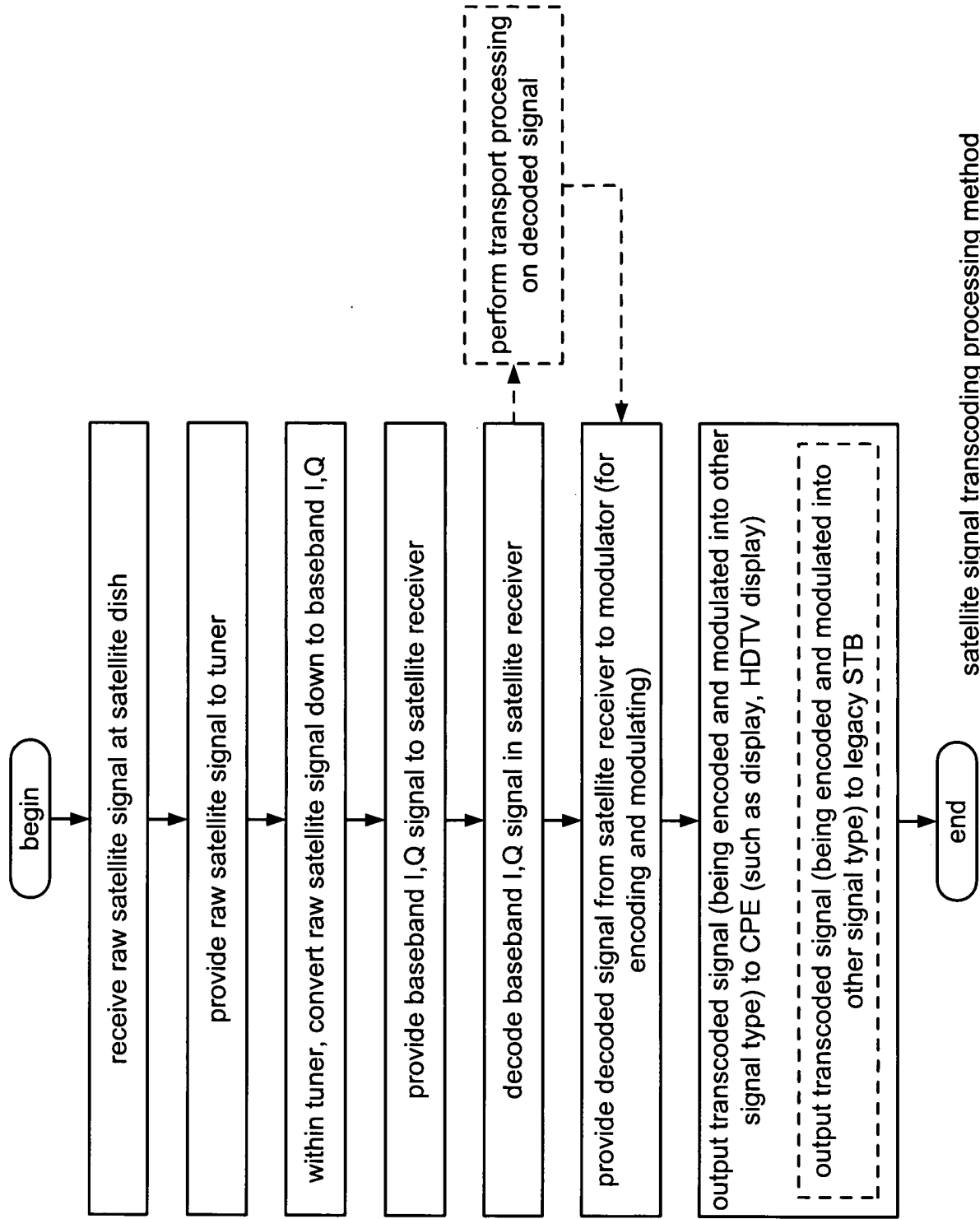


transport processor
Fig. 10



transcoding processing method

Fig. 11



satellite signal transcoding processing method

Fig. 12